



## **FINAL INSPECTION**

PERMIT: \_\_\_\_\_ ADDRESS: \_\_\_\_\_

The following items are to be reviewed for completion by the contractor/owner prior to scheduling an inspection. Each item is to be checked as "OK" or "N/A". The person reviewing these items will need to sign and date this form. Present the completed form to the Building Inspector prior to commencing the inspection.

**WARNING:** Failure to complete this form will delay the inspection and necessitate a reinspection fee. Prior to this inspection, all required sequential inspections and correction notices must be completed.

This is not an all-inclusive list and additional items may be required as determined during the inspection.

**THIS INSPECTION CANNOT BE PHASED:** At time of this inspection all work shall be completed

**PARTIAL AND PHASED INSPECTIONS:** Partial and phased inspections identified during the inspection process will require additional inspection fees per P.C. ORD 15.04.050 G.2

### **FINAL (600 Combo)**

OK    N/A

- |    |                          |                          |   |
|----|--------------------------|--------------------------|---|
| 1. | <input type="checkbox"/> | <input type="checkbox"/> | Address to be posted, visible from road. CBC §501.2 & Placer Co. Ord. 15.04.050.O.  |
| 2. | <input type="checkbox"/> | <input type="checkbox"/> | Toilet facilities are on-site. CPC §412.7   |
| 3. | <input type="checkbox"/> | <input type="checkbox"/> | Animals are restrained. PCC §6.08.010   |
| 4. | <input type="checkbox"/> | <input type="checkbox"/> | Construction site is safe for inspection. Boards with nails and excessive debris removed. Ladders and scaffold properly secured.                                      |
| 5. | <input type="checkbox"/> | <input type="checkbox"/> | Best Management Practices (BMP) are in place for stormwater control.  |
| 6. | <input type="checkbox"/> | <input type="checkbox"/> | Approved plans and permit card are on the job-site. CBC §106.3.1 & 109.5  |
| 7. | <input type="checkbox"/> | <input type="checkbox"/> | Building must have power for testing circuits and circuit tester.   |
| 8. | <input type="checkbox"/> | <input type="checkbox"/> | Provide safe and adequate size ladder(s) for roof and attic inspection. Ladder shall extend a min. of 36" above roof edge and be full height to attic access scuttle. |

### **PERMITS, PLANS AND DOCUMENTATION**

- |     |                          |                          |   |
|-----|--------------------------|--------------------------|---|
| 9.  | <input type="checkbox"/> | <input type="checkbox"/> | Permit and approved plans on job site and accessible to inspector. CBC §106.3.1 & 109.5   |
| 10. | <input type="checkbox"/> | <input type="checkbox"/> | All revisions submitted, approved and attached to plans & plan check fees paid.   |
| 11. | <input type="checkbox"/> | <input type="checkbox"/> | Required sign-offs from other departments (Environmental Health Public Works Planning, Air Pollution Departments and Fire Department) |

**FINAL**

12. ☐ ☐ Defensible space final inspection completed by Fire Department (Only if WUI requirements apply)
13. ☐ ☐ In side the Tahoe Basin, Placer County MOU. Projects shall achieve TRPA final at the same time as building final.
14. ☐ ☐ Verify compliance with approved plans and required sequential inspections are signed off.
15. ☐ ☐ Stucco certification (Applicable only for one coat stucco installations)
16. ☐ ☐ Provide original copies of correctly filled out CF-6R Installation Certificate forms for the field inspector at or prior to the final inspection.  
State of California approved forms are required.
- |   |               |
|---|---------------|
| Envelope-Insulation; Roofing; Fenestration    | CF-6R-ENV-01  |
| Residential Lighting                          | CF-6R-LTG-01  |
| Domestic Hot Water (DHW)                      | CF-6R-MECH-01 |
| Solar Domestic Hot Water Systems (SDHW)       | CF-6R-MECH-02 |
| Pool and Spa Heating Systems                  | CF-6R-MECH-03 |
| Space Conditioning Systems, Ducts and Fans    | CF-6R-MECH-04 |
| Indoor Air Quality and Mechanical Ventilation | CF-6R-MECH-05 |
17. ☐ ☐ Provide completed HERS Certificates of Field Verification and Diagnostic Testing as required by the approved Title 24 Report or per the requirements outlined under the prescriptive methods in the 2008 Residential Compliance Manual.

**EXTERIOR**

18. ☐ ☐ Address numbers shall be placed on house, Plainly legible and visible from the street or road fronting the property, Numbers shall contrast with background, Numbers shall be Arabic numerals or alphabetical letters with a min. height of 3" and min. 3/8" stroke width reflectorized, 4" and min. 1/2" stroke width, or 5" on a contrasting background. CBC [F] 501.2 & Placer Co. Ord. 15.04.050.O
19. ☐ ☐ All exterior shall be complete and wood painted. CBC §2304.11.
20. ☐ ☐ All penetrations of exterior finish are to be sealed or properly screened for insects and weather protection including but not limited to electrical lines, cable, water and gas pipes, AC condenser lines. CBC §1203.3.1
21. ☐ ☐ Where propane drains are necessary they shall terminate per code and Placer County handout. In areas at or above 5,000 ft. elevation, propane drains, when required, are terminated per approved design. CMC 304.7 & Placer Co. Handout.
22. ☐ ☐ Protection of exposed ABS/plastic piping from sun's ultra violet rays: Apply 2 coats of latex paint. IAPMO Installation standards section 313.3
23. ☐ ☐ Backflow preventers or vacuum breakers shall be installed at hose bibs with the set screw tightened & broken off and pressure regulators. Vacuum breaker on irrigation system shall be 6" above highest head. CPC §603.2.3, 603.4.7

24. ☐ ☐ Electrical outlets: Minimum of one accessible grade level GFI protected outlet in front and one in rear of the dwelling not more than 6 1/2' ft. above grade and shall be listed & gasketed. CEC §210.52(E).
25. ☐ ☐ Water pressure regulator required when water pressure exceeds 80 PSI. and shall be approved type with an adequate strainer. CPC §608.2
26. ☐ ☐ Clean outs: install cleanouts within 2' feet of building and extended to grade with approved fittings. CPC §715.1,719.3
27. ☐ ☐ Fire-safe driveway standards are met. Refer to handout.  
Fire-safe driveways located in the Tahoe area shall be approved by NTFPD and Alpine Meadows Placer Co. Ord. 15.04.050.G.9
28. ☐ ☐ Wood siding clearance between wood siding and earth shall not be less than 6" unless sheathing and wall framing are naturally durable or preservative-treated wood. CBC §2304.11.2.6
29. ☐ ☐ Exterior Stucco/plaster weep screed clearance shall be a min. of 4" above earth or 2" above paving. CBC §2512.1.2
30. ☐ ☐ Lighting: All exterior lighting mounted to the building or to other buildings on the same lot shall be high efficacy luminaries OR shall be controlled by a photo control and motion sensor combination and shall be listed for damp or wet location. Caulked seal around light fixtures is required. CEC §210.70 A (2) (b) & Title 24 Energy code
31. ☐ ☐ Exterior landings at doors: The width shall not be less than the width of the stairway or door, whichever is greater. Landing length in direction of travel shall be a min. of 36". Out door stairways and landings shall be designed to shed water a min 1/4" per foot away from house. CBC §1008.1.4, CBC §1008.1.5
32. ☐ ☐ Landings at exterior doorways shall not be more than 7.75" below the top of the threshold, provided the door does not swing over the landing. CBC §1008.1.4

**A/C COMPRESSOR**

33. ☐ ☐ A/C compressor(s) Shall be indicated and located per approved site plan.
34. ☐ ☐ Disconnect shall be readily accessible and not more than 6'-7" above grade.  
(do not install disconnect behind unit.) CEC §440.14, CEC §404.8 (A) (1)  
Identification of equipment: For more than one unit permanent identification on A/C unit disconnect. CMC §304.5
35. ☐ ☐ Secure A/C unit to platform. CMC §304.4
36. ☐ ☐ Verify that circuit breaker &/or fuse are sized per name plate. CEC §440.4 (B)
37. ☐ ☐ Verify that an accessible electrical receptacle is installed at the same level and within 25' of the A/C unit. The outlet shall not be connected to the load side of the A/C disconnect. CEC §210.63

**SAFETY GLASS REQUIRED CBC §2406.3(7.4.), (9.2.)**

- 38. ☐ ☐ When edge of glass is less than 24" from door edge and less than 60" above ground.
- 39. ☐ ☐ When glass is more than 9 sq. ft. and edge of glass is less than 18" above floor/ground and top edge is more than 36" above ground and within 36" of walking surfaces.
- 40. ☐ ☐ When glass is within 60" of the waters edge at swimming pool, hot tub, or spa.

**VENT AND CHIMNEY TERMINATION**

- 41. ☐ ☐ Chimney(s) terminations must be 2' above any roof/structure within 10' and not less than 3' above the highest point where the chimney passes through the roof. See figure CMC §802.5.2.1
- 42. ☐ ☐ Spark arrester shall be approved, screened, accessible and removable for cleaning. Architectural Shroud(s) are not allowed unless listed as part of the fireplace. CBC §2113.9.1, 2802.1
- 43. ☐ ☐ Dryer exhaust duct termination: Duct shall terminate independently to the out-side and be equipped with an approved back-draft damper (no screens). Shall be listed for roof / horizontal or wall/vertical termination. CMC §504.3.1
- 44. ☐ ☐ Environmental air duct exhaust such as hoods, dryer and bathroom vents shall terminate a min. of 3' from property line and 3' from openings into a building. CMC §504.5
- 45. ☐ ☐ Gas appliance vents 12" or smaller shall terminate a min. of 12" above any portion of a building within 10' horizontally when 6:12 or flatter, see CMC Figure 8-2 for other roof pitch requirements. Vents shall be at least 8' from a vertical wall. All other vents shall terminate a min. of 2' above the highest point where they pass. Exception: Direct-Vent CMC §802.6.2, 802.8.1
- 46. ☐ ☐ Waste vents shall terminate vertically not less than 6" above roof, nor Less than 1' from any vertical surface and 10' from or 3' above any opening such as windows, doors, air intake, nor less than 3' from any lot line. Side wall vent may not terminate under vented soffit. CPC §906.1, 2

**ROOF**

- 47. ☐ ☐ All roofing materials have been properly installed per manufactures specifications, including step-flashings, counter flashings, and "crickets or splitters" behind chimneys as required. CBC §1503.2 & 1507.2.9.4
- 48. ☐ ☐ Above 4,000 ft. elevation plumbing vents, B-vents and chimneys not within 36" of the ridge on roof slopes 3&12 and greater are protected from sliding snow or ice with metal crickets or other approved means. Placer Co. Ord. §15.04.050.Q.5
- 49. ☐ ☐ A completed "Certificate of Compliance" for Class A roofing shall be provided to the inspector
- 50. ☐ ☐ Provide leaf guards at gutters as per 2007 CBC, Chapter 7A requirements if the 7A

requirements apply to the project.

51. ☐ ☐ Paint all ABS/Plastic vent pipes. IAPMO Installation standards section 313.3

### **FLAT ROOF/BALCONY DRAINS**

52. ☐ ☐ Primary drain(s) shall be properly sized per CPC Table 11-1
53. ☐ ☐ Secondary drain(s) shall be the same size as the primary drain with the inlet flow line 2" above the low point of the roof and shall be an independent system OR overflow scupper(s) shall be installed with the inlet flow line located 2" above the low point of the roof and the scupper opening a min. of 4" high and have a width equal to the circumference of the primary drain. Overflow drains shall not be connected to the primary drain. CPC §1101.11.2.1, 2
54. ☐ ☐ Min. 1/4" per foot slope to drain
55. ☐ ☐ Strainer(s) for flat deck primary drain(s) shall be level with the deck with the inlet area not less than 2 times the area of the drain pipe. CPC §1105.3
56. ☐ ☐ Strainer(s) for all flat roof secondary drain(s) shall be a min. of 4" above with the inlet area not less than 1-1/2 times the size of the inlet pipe. CPC §1105.3

### **GRADING AND DRAINAGE**

57. ☐ ☐ Site Grading and Drainage per approved plan. Drainage away from foundation shall be a min. slope of 5% for 10'. CBC §1803.3

### **VENTILATION OPENINGS**

58. ☐ ☐ Roof/Attic: Min. net free ventilation 1/150 sq. ft. of area with 50% at upper portion a min. of 3' above eave or cornices vents and the balance ventilation provided by eave or cornice vents. Openings to attics shall be covered with corrosion-resistant wire mesh where mesh openings are a min. of 1/8" not to exceed 1/4". CBC §1203.2, 1203.2.1
59. ☐ ☐ Under-floor: Min. net free ventilation 1/150 sq. ft. of area and placed to provide cross ventilation of under-floor space. Openings shall be covered with corrosion-resistant wire mesh with mesh openings not exceeding 1/8" openings. CBC §1203.3
60. ☐ ☐ Wildland Urban Interface "WUI" exterior building materials shall resist the intrusion of flames or burning embers for the attic ventilation. CBC §7A

### **EXTERIOR GAS PIPING**

61. ☐ ☐ Gas pipe passing through outside wall is protected against corrosion by coating, wrapping or sleeve, caulk around sleeve. CPC §1211.2 and 1211.1.5
62. ☐ ☐ Gas meters, valves, and equipment are protected from sliding, drifting, and impact snow and ice. Where the ground snow is greater than 100 psf. there shall be a sign mounted directly above the gas meter, readily visible, above maximum anticipated snow depth. Per Fire Dept. and Placer Co. Ord. 15.04.050.Q.4.

## **GARAGE**

- 63. ☐ ☐ Receptacle outlet: A minimum of one receptacle outlet is required in detached garage with electrical power. CEC §210.52 (G)
- 64. ☐ ☐ GFCI protection at all electrical receptacles. CEC §210.8(A) (2)
- 65. ☐ ☐ Exposed electrical cable within 7' from the floor shall be protected with rigid metal conduit electrical metallic tubing, or schedule 80 PVC rigid nonmetallic conduit or other approved means. CEC §334.15
- 66. ☐ ☐ Gas appliances shall be protected from vehicular traffic with bollards ( i.e. gas water heater, furnace, dryer) CPC §508.14.2 & CMC 308.1
- 67. ☐ ☐ Attached and detached garage shall have at least (1) switch controlled light. Lighting shall be high efficacy OR occupant sensor CEC §210.70 (1) and Energy Code 150.K.10
- 68. ☐ ☐ Provide at least (1) GFCI protected receptacle. CEC §210.52(G)
- 69. ☐ ☐ No openings are allowed between garage and sleeping rooms. CBC §406.1.4
- 70. ☐ ☐ Door between house and garage to be 1-3/8" solid or honeycomb-core steel or labeled as a 20-minute door with self-closing and self latching mechanism. CBC §406.1.3 &4
- 71. ☐ ☐ 50% of hinges on door shall be spring loaded, doors with three hinges shall have (2) spring loaded hinges.

## **ELECTRIC PANEL**

- 72. ☐ ☐ Circuit breakers to match manufacture of panel requirements.
- 73. ☐ ☐ Verify listed breakers. CEC §110.3
- 74. ☐ ☐ Oxide inhibitor applied to aluminum conductor terminations in lugs/breakers.
- 75. ☐ ☐ No double lugging allowed unless specifically approved. CEC §110.14 (A)
- 76. ☐ ☐ Verify wire size complies with CEC §310 & table 310.15 (b)
- 77. ☐ ☐ Main panel grounds and neutrals shall be on the same bus bar, or if on separate bus bars, the bus bars must be connected by a bonding jumper the same size as GEC. CEC §250.142
- 78. ☐ ☐ Sub panel grounds and neutrals shall be on a separate bus bar CEC §250.6
- 79. ☐ ☐ Unused K/O and openings shall be sealed with listed plugs CEC §110.12 (A)
- 80. ☐ ☐ Provide proper phasing for multi wire branch circuits.
- 81. ☐ ☐ Panels with more than 6 disconnects req. main breaker unless specifically approved. CEC §230.70 & 250.32 (D)
- 82. ☐ ☐ Panel boards at separate structures require a main disconnect and grounding electrode CEC §250.32 (D)

- 83. ☐ ☐ Dedicated circuit for furnace CEC §422.12
- 84. ☐ ☐ Dedicated circuit for (built- in) microwave
- 85. ☐ ☐ Dedicated circuit for heated Hydro-Massage bathtub motors.
- 86. ☐ ☐ Min. (2) 20 amp small appliance circuits @ kitchen & dining, pantry & breakfast areas CEC §210.11 (C) (1)
- 87. ☐ ☐ Min. (1) 20 amp circuit for laundry receptacle CEC §210.11 (C) (2)
- 88. ☐ ☐ Min. (1) 20 amp circuit for bathrooms receptacles CEC §210.11 (C) (3)
- 89. ☐ ☐ Bedroom lighting and receptacle outlets shall be protected with a Combination type AFCI and shall be independently identified/labeled as such. CEC §210.12 (B)
- 90. ☐ ☐ Verify labeling of circuits for main and Sub-panel.
- 91. ☐ ☐ Handle tie at garbage disposal and dishwasher for single yoke CEC §210.4 (b)
- 92. ☐ ☐ Grounding electrode and GEC per 2007 CEC-table §250.66 & articles 250.64, 250.70.
- 93. ☐ ☐ Supplemental ground to water gas metal piping service Table §250.66
- 94. ☐ ☐ Main disconnect 6'-7" from top of handle to floor/grade and location is readily accessible clearance of 36" deep X 30" wide X 78" in height. CEC §404.8 (A) (1), 230.70 (A) (1)
- 95. ☐ ☐ Overcurrent devices shall be readily accessible, therefore in areas at or above 5,000 ft. elevation, the sub-panel is located at the interior or where not subject to snow build-up. CEC § 240-24
- 96. ☐ ☐ Internal parts/equipment shall not be damaged and free of contaminates. CEC §110.12 (C)
- 97. ☐ ☐ Electrical panel shall be clean of debris. Contaminated panel must be replaced.

#### **GUARDS AND HANDRAILS**

- 98. ☐ ☐ Guards are required along open-sided walking surfaces 30" above grade/floor. CBC §1013.1
- 99. ☐ ☐ Guard height : Guards shall not be less than 42" high measured vertically above the leading edge of the tread except when stair handrail is the guard then min. height 34" and max. height 38". CBC §1013.2
- 100. ☐ ☐ Hand rails shall have a height of not be less than 34" and not more than 38". CBC §1012.2
- 101. ☐ ☐ Load: Handrail assemblies and guards shall resist a single concentrated load of 200 pounds. CBC §1607.7.1.1
- 102. ☐ ☐ Graspability: circular handrail shall be Min. 1-1/4" Max. 2" diameter. Non-circular handrails must have a perimeter of 4" min. and 6-1/4" max. with a max. cross dimension of 2-1/4". CBC §1012.3

- 103. ☐ ☐ Clear space between hand rail and wall a min. of 1-1/2". CMC §1012.6
- 104. ☐ ☐ Projection: Handrail projection into stairway a max. of 4-1/2". CMC §1012.7
- 105. ☐ ☐ Openings: guards shall not allow a 4" sphere to pass through. CBC §1013.3
- 106. ☐ ☐ Openings: guard rails on the side of stair treads shall not allow a 4-3/8" sphere to pass through and the triangular opening at bottom of tread & riser shall not allow a 6" sphere to pass through. CBC §1013.3 Exception (1) & (5)

### **STAIRWAYS**

- 107. ☐ ☐ Width: Stairway width shall not be less than 36" CBC §1009.1
- 108. ☐ ☐ Headroom: Min. 6'-8" (Spiral 6'-6") CMC §1009.2 and Exception
- 109. ☐ ☐ Treads and risers: Maximum riser height shall be 7-3/4" and a minimum of 4" Minimum tread depth shall be 10" with a min. 3/4" nosing or 11" depth. CBC §1009.3 Exception 4
- 110. ☐ ☐ Nosing: max. radius of curvature or beveling of nosing 1/2". Risers shall be solid and require nosing min. 3/4" max. 1-1/4" except when tread depth is 11" nosing is not required. CBC §1009.3.3
- 111. ☐ ☐ Dimensional uniformity at stairs shall be determined from landing to landing from the tallest riser not more than 3/8" to the shortest riser and greatest tread depth not more than 3/8" more than the smallest. CBC §1009.3.2
- 112. ☐ ☐ Winders: Min. 6" tread depth at inner edge and min. 10" tread depth within 12" of inner edge. CBC §1009.3 Exception (4)
- 113. ☐ ☐ Doors are permitted to open at the top step of an interior flight of stairs, provide the door does not wing over the top. CBC §1008.1.4 Exception 1.1
- 114. ☐ ☐ Stairway landing there shall be a landing at the top and bottom of each stairway. The width of landings shall not be less than the width of the stairway they serve. Every landing shall have a stairway dimension measured in the direction of travel with a min. 36" CBC §1009.4
- 115. ☐ ☐ Vertical rise: Max. 12' between floor levels or landings. CBC §1009.6
- 116. ☐ ☐ Lighting is required on tread runs not less than 1 foot-candle. Were one or more lights are installed for stairway provide a wall switch at each floor level and landing level that includes an entry (fluorescent or push button control occupant sensor) CBC §1205.4, CEC §210.70(2)(C)
- 117. ☐ ☐ Safety glass required in walls enclosing stairway landings or within 5' of the bottom and top of stairway where the bottom edge of the glass is less than 60" above a walking surface. CBC §2406.3(7.4.), (9.2.)

### **EXTERIOR STAIRWAY LOCATIONS**

- 118. ☐ ☐ Out door stairways and landings shall be designed to shed water. CMC §1009.5.2

119. ☐ ☐ Lighting is required at all landings at exit doors and tread runs at stairways. ( photo control / sensor combination) CBC §1205.4
120. ☐ ☐ Handrails required on each side of stairways at exterior locations, including exterior steps to basement CBC §1009.10

**THRESHOLD CLEARANCE TO LANDING**

121. ☐ ☐ Door swings out over landing: Max. threshold height above exterior landing 1½” CBC §1008.1.6
122. ☐ ☐ Door swings in or slider: Max. threshold height above exterior landing 7¾” CBC §1008.1.4 Exception (3)
123. ☐ ☐ Threshold to interior floor height is a max. ¾” for sliding doors, all other doors ½”. CBC §1008.1.6

**INTERIOR**

124. ☐ ☐ Ceiling height in all habitable spaces shall be no less than 7’-6” EXCEPT for beams and girders spaced not less than 4’ o/c and project not more than 6” below required height. CBC §1208.2& exception (1)
125. ☐ ☐ All receptacles and switches shall be complete with plates.

**UNDER-FLOOR CRAWL SPACE**

126. ☐ ☐ Under floor foundation access crawl hole openings min. 18”x24” (pipes, ducts and other nonstructural construction shall not interfere with the accessibility to or within under-floor areas.) CBC §1209.1.1
127. ☐ ☐ Remove all debris from crawl space. CBC §3302.2
128. ☐ ☐ Verify that all under-floor vents are clear (not blocked.)
129. ☐ ☐ In areas at or above 5,000 ft. elevation, hot and cold water supply piping is installed for winterization, freeze protection and routine drain down. The water supply shall be equipped with a readily accessible shut off valve. Placer Co. Ord. §15.04.050.Q.3

**KITCHEN**

130. ☐ ☐ Ceiling height shall be min. 7’ in kitchen CBC §1208.1
131. ☐ ☐ Clear working space providing a minimum of 30” in front of kitchen sink, cooking appliance, and refrigeration. CBC §1208.4
132. ☐ ☐ Listed air-gaps shall be provided for dishwasher on discharge side and be mounted on counter top. ( No exceptions including Bosch under counter system ). CPC §807.4
133. ☐ ☐ Check that sink cleanout is accessible.
134. ☐ ☐ Kitchen faucets with pull out flexible line shall have an anti-siphon device CPC §603.2.3

- 135. ☐ ☐ All receptacles serving the countertop shall be GFCI protected CEC §210.8 A.6
- 136. ☐ ☐ Wall counter top receptacles shall be spaced max. 48" on center and within 24" from edge of the sink and counters. CEC §210.52 (C) (4)
- 137. ☐ ☐ Counter tops 12" or more in width require a receptacle outlet. CEC §210.52 (C) (1)
- 138. ☐ ☐ Islands and peninsulas shall be provided with a min. of (1) receptacle. CEC §210.52 (C)(1),(2)and(3)
- 139. ☐ ☐ Outlets shall not be mounted over 20" above counter top nor more than 12" below counter. CEC 210. §52 (C) (5)
- 140. ☐ ☐ Provisions for range must be present either as a capped off gas line or a 220 volt outlet installed in wall. If stove is to be wired directly, it shall be hooked up for inspection.
- 141. ☐ ☐ Kitchen range clearance to combustibles shall have a vertical clearance of 30" unless protected by ¼" insulating millboard or metal hood, then the clearance can be reduced to 24". Gas range must have approved anti-tip installed. CMC §916.1. B. 1&2.
- 142. ☐ ☐ Range hood exhaust duct shall terminate outside, shall have a 3' clearance to windows and doors and other openings, shall be air tight and be equipped with a back draft damper. Ducting shall be galvanized steel, stainless steel, or copper, with a smooth interior finish. CMC §504.2 If the hood vent is used for indoor air quality, mechanical ventilation, required by 2008 CEC 150(o), it shall comply with section 4.6 of the Res. Manual.
- 143. ☐ ☐ Shut-off valve shall be accessible rigid piping upstream from the flexible connector and within 6' of the gas appliance. CPC §1212.4
- 144. ☐ ☐ Gas appliance connectors shall not extend from one room to another, through any wall, floor, partition or appliance housing. Verify that connector is the properly sized and listed for the appliance it serves. (See BTU rating on connector tag.) CPC §1212.1
- 145. ☐ ☐ Junction boxes shall be accessible and have working clearance.
- 146. ☐ ☐ Kitchen lighting shall be all high efficacy OR 50% of total wattage may be low efficacy, all low efficacy and high efficacy lighting shall be switched/controlled separately. Recessed can lights shall be IC and AT Rated. Energy code

#### **WET BARS**

- 147. ☐ ☐ GFCI protection required for receptacles located within 6' of wet bar sink edge. CEC §210.8 (A)(7)

#### **BEDROOMS AND DENS (W/CLOSET)**

- 148. ☐ ☐ Smoke alarms shall be interconnected, hardwired with battery backup, are required on ceiling or wall at each floor level, in each bedroom and outside each sleeping area. CBC §907.2.10.1.2

149. ☐ ☐ Bedroom window egress min. clear height 24", min. clear width 20", min. 5.7 sq. ft. open area except at grade floor may be 5.0 sq. ft. Max. net opening height 44" clear space to floor. CBC §10026.2 and Exception, 1026.3
150. ☐ ☐ Switched Lighting shall be high efficacy ( fluorescent OR occupant sensor OR dimmer). Closets that are less than 70 sq. ft. are exempt from this requirement. Energy Code
151. ☐ ☐ Closet light clearances: Surface incandescent lights shall be fully enclosed and a min. of 12" clearance from storage/shelf area. Fluorescent lights shall be a min. 6" from storage/shelf. Recessed lights in wall or ceiling shall be a min. 6" from storage area. CEC §410.8 (D) (1) (2) (3) (4)

### **HALLWAYS**

152. ☐ ☐ Switched lighting shall be high efficacy (fluorescent OR occupant sensor OR dimmer).
153. ☐ ☐ The minimum ceiling height in a hallway is 7'. CBC §1208.2
154. ☐ ☐ The minimum width of the hallway 36" CBC §1017.2 Exception (3)
155. ☐ ☐ Smoke alarms are required on ceiling or wall outside of each separate sleeping room in the immediate vicinity of the bedrooms. (min. 3' clearance from any air supply or per manufacture instructions) CBC [F] §907.2.10.1.2 (1)
156. ☐ ☐ Hallways 10' or more in length require min. (1) electric receptacle. CEC §210.52(H)
157. ☐ ☐ Min. of (1) switch controlled light in hallway. (dimmer or fluorescent) CEC §210.70(2) (A)

### **LAUNDRY ROOMS**

158. ☐ ☐ Switched lighting shall be high efficacy (fluorescent OR occupant sensor).
159. ☐ ☐ The minimum ceiling height in a laundry room is 7 feet. CBC §1208.2
160. ☐ ☐ Electric dryer requires 3-wire with ground ( 4 prong outlet). CEC §250.54
161. ☐ ☐ GFCI protection required for receptacles located within 6' of laundry sink edge. CEC §210.8 (A)(7)
162. ☐ ☐ Shut-off valve shall be accessible rigid piping upstream from the flexible connector and within 6' of the gas appliance. CPC §1212.4
163. ☐ ☐ Gas appliance connectors shall not extend from one room to another, through any wall, floor, partition or appliance housing. Verify that connector is the properly sized and listed for the appliance it serves. (See BTU rating on connector tag.) CPC §1212.1
164. ☐ ☐ Flexible transition ducts: Shall be listed and approved, not more than 6' long and shall not be concealed within construction. CMC §504.3.2.1

165. ☐ ☐ Dryer duct min. 4" dia., 26 gage metal, smooth interior (no screws) , max. 14' long including (2) 90 degree elbows and shall terminate to the outside with a back draft damper.CMC §504.3
166. ☐ ☐ When floor drains are installed, they shall have a trap primer to maintain wet seal if subject to infrequent use, have a back water valve if subject to reverse flow of sewage and shall be vented. CPC §1007.0

## **BATHROOMS**

167. ☐ ☐ The minimum ceiling height in a bathroom is 7' feet. CBC §1208.2
168. ☐ ☐ All hardwired lighting shall be high efficacy OR controlled by a MANUAL-ON motion sensor. CES section 150(K)
169. ☐ ☐ Hanging light fixtures: are not allowed within 3' horizontal and 8' vertical from tub and shower. CEC §410.4 (d)
170. ☐ ☐ Bath room receptacles are to be supplied by at least one 20 amp circuit with no other outlets. Exception, if 20 amp circuit supplies only one bath room, other outlets within the same bath room are allowed on that circuit. CEC §210-11 (C) (3)
171. ☐ ☐ Light fixtures in shower shall suitable for damp locations CEC §410.4 a & d
172. ☐ ☐ GFCI protection shall be provided for all outlets in bathrooms, with at least one outlet 36" inches of the outside edge of each basin. CEC §210-8(a) (1) & 210-52 (d)
173. ☐ ☐ Hydromassage bathtubs motors shall be accessible, on a dedicated circuit with their own GFCI circuit and bonded with min. 8 AWG copper wire. CEC §680.72 and 74, CPC §414.1.
174. ☐ ☐ Water closet spaces shall be at least 30 inches wide; 15" min. from wall to center of W/C with at least 24 inches clear in front of the W/C. CPC §407.6
175. ☐ ☐ Water closet base caulked at floor. All new water closets shall be 1.6 gallon per flush maximum CPC §407.2 Table 6-5
176. ☐ ☐ Safety glazing at all windows less than 60" above bottom of tub & shower floor and at tub and shower enclosures panels & door (check for bug) CBC §2406.3
177. ☐ ☐ Shower door or rod shall be installed.
178. ☐ ☐ Shower enclosure doors shall maintain an unobstructed opening of 22" clearance for egress CBC §2407 & CPC §411.6
179. ☐ ☐ Shower compartment min. 1024 sq. in. encompassing a 30" circle CPC §411.7
180. ☐ ☐ Vacuum breakers required for handheld shower head CPC §603.0
181. ☐ ☐ Accessible full way control valve installed for each sink. CPC §605.5
182. ☐ ☐ Check that sink cleanout is accessible. (If applicable)

183. ☐ ☐ Tub and shower valves must be approved pressure-balanced or thermostatic mixing type adjusted to a maximum of 120 degrees. CPC §418
184. ☐ ☐ Bathrooms install mechanical ventilation that shall terminate outside and be equipped with a back draft damper. CBC §1203.4.2.1
185. ☐ ☐ Steam shower: has electrical disconnect for steam generator. (Per manufacture spec)

**OTHER WINDOWS CBC 1026**

186. ☐ ☐ Openable windows 72" inches or more above exterior grade must be at least 24" above the finished interior floor OR no opening to window that would allow 4" sphere OR install window guards complying with ASTM F 2006 OR F 2090. CBC §1405.12.2

**FIRE PLACE**

187. ☐ ☐ Verify metal damper is located a min. of 8" above the top of the fireplace opening or at the top of the fire place opening and is operable from the room containing the fireplace. Damper controls are allowed in the fireplace. CBC §2111.7.1
188. ☐ ☐ If the fireplace opening is less than 6 sq. ft, the hearth shall extend a min. of 16" from the front, and min. 8" beyond each side of the fireplace opening. If the opening exceeds 6 sq. ft, the hearth shall extend a min. of 20" from the front and 12" beyond sides. CBC §2111.10
189. ☐ ☐ Combustible materials, such as a wood mantel, shall have a min. 6" clearance from fire place opening and shall not project more than 1/8" for each 1" distance above opening. (Example: you may have a 3/4" projection when 6" away from opening). CBC §2111.11.4
190. ☐ ☐ Maintain a clearance to combustibles of 2" from masonry on front and sides and 4" on back. The air space shall not be filled. CBC 2111.11. Trim, drywall, and sheathing edges are permitted to abut masonry provided they are 12" min. from inside surface of nearest firebox opening. CBC §2111.11 Exception (3)
191. ☐ ☐ Glass doors and screen shall be permanently attached to fireplace opening. CMC §907.3 Title 24 150 E 1 A

**GAS FIREPLACES**

192. ☐ ☐ Shut-off valve shall be accessible rigid piping upstream from the flexible connector and within 6' of the gas appliance CPC §1212.4
193. ☐ ☐ Gas appliance connectors shall be used in accordance with the terms of their listing, shall not extend from one room to another, through any wall, floor, partition or appliance housing. Verify that connector is properly sized and listed for the appliance it serves. (See BTU rating on connector tag.) CPC §1212.1
194. ☐ ☐ Glass doors shall be permanently attached to fireplace opening. CMC §907.3 Title 24 150 E 1 A Exception in line flue controller installed per CEC

195. ☐ ☐ Log lighter must be approved for specific gas source. (“Propane log lighters” are not approved for this use per manufacture listings)

### **MISCELLANEOUS**

196. ☐ ☐ GFCI protection is required at all receptacles in garages and unfinished basements. Receptacles that are not readily accessible and for appliances not easily moved such as clothes washer, freezer, sump pump are exempt. CEC §210.8 (A)
197. ☐ ☐ Attic access required in unoccupied spaces where the clear height is over 30”. The access opening shall be a min. 20”x30”. CBC §1209.2

### **WATER HEATER**

198. ☐ ☐ R-4 Insulation first 5’ hot and cold water pipe. Energy Code STDS 150(J) If a recirculation pump is installed the entire hot water system must be insulated. Exception: piping located in the attic that is continuously buried by at least 4” of insulation
199. ☐ ☐ LPG fired appliances are installed in compliance with Placer County handout; Propane Appliance. CMC 304.7
200. ☐ ☐ Shut-off valve shall be accessible, installed in rigid piping upstream from the flexible connector and within 6’ of the gas appliance. CPC §1212.4
201. ☐ ☐ Gas appliance connectors shall not extend from one room to another, through any wall, floor, partition or appliance housing. Verify that connector is the properly sized and listed for the appliance it serves. (See BTU rating on connector tag.) CPC §1212.1
202. ☐ ☐ Gas water heater located in garage shall be elevated 18” above floor unless listed as flammable vapor ignition resistant. CPC §508.14 (2), [NFPA 54:9.1.10.1]
203. ☐ ☐ Seismic strapping within upper 1/3 and lower 1/3 and min. 4” above controls. CPC §508.2
204. ☐ ☐ Bond hot water pipe to cold water pipe to gas pipe with # 6 copper wire and approved weaver clamps. CEC §250.4 A.4
205. ☐ ☐ Fullway shut off valve installed on the cold water supply pipe of the water heater CPC §605.2
206. ☐ ☐ Combustion air: See “Water Heater” under illustrations in the index for acceptable methods for combustion air and venting. CPC §507.1, CMC §701.1
207. ☐ ☐ Type B (double wall) vent may pass through floors and ceilings with a min. 1” clearance to combustibles or per manufacture listing. Type B vent shall terminate a min. 5’ above water heater draft hood. Secure joints with min. 3 screws. CPC §510.6
208. ☐ ☐ Single wall vents shall be allowed in the same room as the water heater with a min. 6” clearance to combustibles. Single wall vents shall not pass through walls, floors, ceilings, unoccupied attics, concealed, cold and unconditioned spaces. Secure joints with a min. 3 screws. CPC §510.7
209. ☐ ☐ Water heater shall be protected from vehicular traffic (install bollard) CPC §508.14.2

210. ☐ ☐ Water heater located at wood floor or attic shall be protected with watertight pan with  $\frac{3}{4}$ " drain to approved location. (i.e. attic, floor-ceiling, platform) CPC §508.4
211. ☐ ☐ Water heater installed in a closet located in a bedroom or bathroom shall have a listed, gasketed door assembly and a listed self-closing device with no hold open mechanism. The door assembly shall be installed with a threshold and bottom door seal. All combustion air shall be obtained from the outdoors. CPC §505.1, 505.1.2, 507.4
212. ☐ ☐ Attic water heater CPC §509.4 (same access, lighting & receptacle as attic furnace)
213. ☐ ☐ Temperature and pressure relief valve (TPRV) shall terminate to the outside or other approved location with  $\frac{3}{4}$ " discharge pipe pointing down, terminating a min. 6" and max. 24" above grade. Pressure relief valve piping to be hard drawn copper or galvanized steel or CPVC. PVC shall not be used, and drain is (not allowed to drain into water heater pan, PVC not allowed CPC §505.4, 508.5 & 608.5

**TANKLESS WATER HEATER** (Additional requirements)

214. ☐ ☐ Tankless water heater shall be installed per manufacture installation instructions. (Manual shall be available for inspector during inspection).
215. ☐ ☐ Tankless water heater shall be independently vented with a category III (Stainless steel ) venting system. Verify clearances to combustibles.
216. ☐ ☐ Tankless water heater installed outside shall be listed for outside/exterior location.

**FURNACE GENERAL REQUIREMENTS**

217. ☐ ☐ Manufacture's installation and operating instructions: The appliance installer shall leave the manufacturer's installation and operating instructions attached to the appliance. CMC §304.1  
LPG fired appliances are installed in compliance with Placer County handout; Propane Appliance. CMC 304.7
218. ☐ ☐ Required clearances from combustibles. CMC §307.1.7
219. ☐ ☐ Condensate sediment trap/drip leg: Where required by manufacture, (READ INSTRUCTIONS) drip leg shall be installed in such locations so that it will be readily accessible to permit cleaning or emptying and shall not be located where the condensate is likely to freeze. The sediment trap shall be either a tee fitting with a capped nipple in the bottom outlet or other device recognized as an effective sediment trap. CPC 1211.7 & 1212.7
220. ☐ ☐ Combustion air: See "Water heater & Furnace" under illustrations in the index for approved methods of obtaining combustion air. Direct vent appliances are exempt from the provisions of Chapter 7 in the CMC and shall be installed per the appliance listing. CMC §701.1
221. ☐ ☐ Gas shutoff valve: CPC §1212.4  
Shall be in an accessible location and within 6' from the furnace.

Connected to rigid piping upstream from the flexible connection in the same room as the furnace.

- 222. ☐ ☐ Disconnect shall be adjacent to and within sight of furnace. CMC §309
- 223. ☐ ☐ Dedicated circuit shall be provided for furnace CEC §422.12
- 224. ☐ ☐ Access: Furnace shall be accessible for inspection, service, repair, and replacement without removing permanent construction. CMC §305.0, 305.1
- 225. ☐ ☐ Anchorage: Furnace shall be securely fastened in place to sustain vertical and horizontal loads. CMC §304.4

**FURNACE IN BEDROOM OR BATHROOM CLOSET** CMC §904.1 (1) and (2)

- 226. ☐ ☐ Closet shall be equipped with a listed, gasketed door assembly.
- 227. ☐ ☐ Listed self closing device. (HOLD-OPEN FEATURE IS NOT ALLOWED)
- 228. ☐ ☐ The door assembly shall be installed with a threshold and bottom door seal.
- 229. ☐ ☐ All combustion air shall be obtained from the outdoors.
- 230. ☐ ☐ The closet shall be used for exclusive use of the furnace (NOT FOR STORAGE)
- 231. ☐ ☐ Exception: Furnace that are direct vent type.

**FURNACE IN ATTIC**

- 232. ☐ ☐ Attic access min. 22"x30" net clear opening. (appliance must fit through opening). CMC §904.11.1
- 233. ☐ ☐ Electrical wiring shall be protected within 6' of attic access scuttle opening. CEC §320.23
- 234. ☐ ☐ Passageway Min. 24" wide, unobstructed, solid flooring. CMC §904.11.3
- 235. ☐ ☐ Max. 20' from access to appliance if passageway is less than 6' high. CMC §904.11.2
- 236. ☐ ☐ Min. 30"x30" level working platform at front or service side of unit. CMC §904.11.4
- 237. ☐ ☐ Light and receptacle outlet required. Timer type light switch shall be located at attic entry and receptacle outlet within 25' of furnace. CMC §904.11.5
- 238. ☐ ☐ Properly support and secure unit. CMC §304.4

**FURNACE UNDERFLOOR**

- 239. ☐ ☐ Crawl space access opening in foundation min. 30"x30", or by a trap door min. 30"x30" provided the largest piece of equipment can be removed from the opening. CBC §1209.1 & CMC 932
- 240. ☐ ☐ Passageway to furnace min. height and width sufficient to remove furnace but no less than 30"x30", nor more than 20' from access opening. CMC §932.2

- 241. ☐ ☐ Suspend from floor a Min. 6" above ground OR support on slab a min. of 3" above grade. CMC §932
- 242. ☐ ☐ Min. 12" side clearance, and min. 18" clearance on control side of unit. CMC §932
- 243. ☐ ☐ Where excavation exceeds 12" in depth or water seepage is likely to collect, a water tight copper pan or concrete pit 4" above grade is required, unless adequate drainage is provided. CMC §932.4
- 244. ☐ ☐ Secure unit in place. CMC §304.4
- 245. ☐ ☐ Light and receptacle outlet required. Timer type light switch shall be located at under floor entry. Receptacle outlet within 25' of furnace. CMC §9932.5
- 246. ☐ ☐ LPG fired furnaces are installed in compliance with Placer County handout; Propane Appliance. CMC 304.7

#### **FURNACE IN GARAGE**

- 247. ☐ ☐ Ignition min. 18" above floor. CMC §308.1
- 248. ☐ ☐ Protection from moving vehicles. (install bollard(s) CMC §308.1
- 249. ☐ ☐ Gas burning appliance venting shall comply with CMC §802.6.1.1 See "Gas Appliance Venting" under illustrations in index.
- 250. ☐ ☐ High efficiency gas appliance: Vent termination per manufacture instructions. LPG fired furnaces are installed in compliance with Placer County handout; Propane Appliance. CMC 304.7

#### **BASEMENT**

- 251. ☐ ☐ Habitable basements shall have a min. of one exterior emergency escape and rescue opening. CBC §1026.1
- 252. ☐ ☐ Egress opening shall not be less than 5.7 sq. ft. with a min. net height of 24" and net width of 20" and not more than 44" from floor to the bottom of clear opening (ladder req'd. if window well over 44" below grade.
- 253. ☐ ☐ Window well egress: Window wells shall have a min. horizontal area of 9 sq. ft. with a min. dimension of 36". Window well with a vertical depth of more than 44" shall be equipped with an approved permanently affixed steps OR ladder that does not project more than 6" into a 36" egress area, Verify proper guardrails, ladders and drainage. CBC §1026.5
- 254. ☐ ☐ Electrical outlets in unfinished basements require GFCI protection. CEC §210.8 (A) (5)

#### **EJECTOR PUMP**

- 255. ☐ ☐ Each ejector or pump shall have a minimum 2" accessible approved swing check or backwater valve and full way Gate or ball valve. CPC §710.3.2, 710.1

**FINAL**

256. ☐ ☐ Sump tank shall have a bolt-and-gasketed cover. CPC §710.10
257. ☐ ☐ Ejector vent shall be run separately through roof, vent size per table 7-3 but never smaller than 1-1/2". CPC §710.10
258. ☐ ☐ Ejector pump and valves shall be accessible for maintenance and replacement. Provide electrical outlet and lighting at or near the pump.
259. ☐ ☐ Receptacle outlet shall not be located in pit. Install receptacle min. 12" above floor level.

**I have personally reviewed all items on this list for completion prior to scheduling the inspection.**

Signed \_\_\_\_\_

\_\_\_\_\_ Date

Print Name \_\_\_\_\_